

Abstract

A device is described for determining at least one parameter of a medium flowing in a line 3, particularly the intake air mass of an internal combustion engine, having one part 6 which has at least one measuring channel 30 for conducting at least one partial flow of the medium flowing in the line in a main flow direction 18 and which can be inserted into the line 3 with a predetermined alignment with respect to the main flow direction, and having at least one measuring element 9 situated in the measuring channel for determining the at least one parameter. It is provided that in part 6, a channel structure is formed, having an input region 27 for the entry of a partial flow of the medium and having a measuring channel 30 branching off from the input region 27; the input region 27 has a separation zone 28 with a separation opening 33; and at least two projections 51,52 protrude from mutually opposite interior walls 37,38 of the input region 27 into the input region 27.